

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043065.D
 Acq On : 13 Apr 2021 20:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 6:27:56 PM

Quant Time: Apr 14 03:55:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	140364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	215112	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	206980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	112333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111223	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	5.298	113	77229	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	7.906	98	272385	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	10.639	95	108600	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	68393	47.23	ug/l	98
3) Chloromethane	1.523	50	72469	46.88	ug/l	98
4) Vinyl Chloride	1.607	62	75121	47.57	ug/l	95
5) Bromomethane	1.855	94	30046	34.91	ug/l	98
6) Chloroethane	1.932	64	53908	49.48	ug/l	98
7) Trichlorofluoromethane	2.141	101	126516	47.15	ug/l	98
8) Diethyl Ether	2.382	74	43672	50.82	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	63574	46.04	ug/l	99
10) Methyl Iodide	2.729	142	62834	34.53	ug/l	100
11) Tert butyl alcohol	3.208	59	150869	248.08	ug/l #	88
12) 1,1-Dichloroethene	2.584	96	63677	48.46	ug/l	97
13) Acrolein	2.491	56	68975	184.78	ug/l	99
14) Allyl chloride	2.928	41	160236	50.25	ug/l	99
15) Acrylonitrile	3.321	53	328318	250.98	ug/l	99
16) Acetone	2.636	43	326927	235.41	ug/l	99
17) Carbon Disulfide	2.800	76	189688	46.94	ug/l	98
18) Methyl Acetate	2.954	43	151380	51.32	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	271914	52.37	ug/l	98
20) Methylene Chloride	3.054	84	80328	47.93	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	73504	47.89	ug/l	94
22) Diisopropyl ether	4.002	45	309985	50.82	ug/l	92
23) Vinyl Acetate	3.964	43	1534502	259.95	ug/l	100
24) 1,1-Dichloroethane	3.877	63	153884	49.89	ug/l	100
25) 2-Butanone	4.710	43	533268	248.78	ug/l	100
26) 2,2-Dichloropropane	4.674	77	130114	48.09	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	89042	50.98	ug/l	99
28) Bromochloromethane	4.983	49	74188	47.17	ug/l	97
29) Tetrahydrofuran	5.057	42	338401	250.72	ug/l	97
30) Chloroform	5.096	83	157812	48.31	ug/l	95
31) Cyclohexane	5.395	56	135621	46.59	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	143360	49.65	ug/l	99
36) 1,1-Dichloropropene	5.533	75	112780	49.42	ug/l	100
37) Ethyl Acetate	4.809	43	193565	49.60	ug/l	99
38) Carbon Tetrachloride	5.533	117	124673	50.95	ug/l	99
39) Methylcyclohexane	6.771	83	119886	47.78	ug/l	98
40) Benzene	5.780	78	325720	49.95	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	103851	50.62	ug/l	99
42) 1,2-Dichloroethane	5.803	62	145621	50.35	ug/l	98
43) Isopropyl Acetate	5.919	43	286793	51.53	ug/l	99
44) Trichloroethene	6.549	130	83254	50.34	ug/l	98
45) 1,2-Dichloropropane	6.800	63	90941	50.06	ug/l	99
46) Dibromomethane	6.925	93	64556	50.25	ug/l	97
47) Bromodichloromethane	7.112	83	127651	50.33	ug/l	99
48) Methyl methacrylate	6.967	41	147235	52.70	ug/l	97
49) 1,4-Dioxane	6.993	88	51848	926.24	ug/l #	95
51) 4-Methyl-2-Pentanone	7.800	43	1015397	246.62	ug/l	98
52) Toluene	7.976	92	202923	50.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	141355	50.19	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	144869	50.66	ug/l	93
55) 1,1,2-Trichloroethane	8.407	97	85301	49.19	ug/l	98
56) Ethyl methacrylate	8.340	69	149294	52.56	ug/l	97
57) 1,3-Dichloropropane	8.581	76	148024	49.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	302102	255.71	ug/l	100
59) 2-Hexanone	8.694	43	830316	244.91	ug/l	100
60) Dibromochloromethane	8.819	129	102048	50.88	ug/l	100
61) 1,2-Dibromoethane	8.931	107	98538	50.38	ug/l	99
64) Tetrachloroethene	8.558	164	72596	48.34	ug/l	97
65) Chlorobenzene	9.452	112	217752	49.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	87487	51.56	ug/l	99
67) Ethyl Benzene	9.578	91	409294	51.09	ug/l	99
68) m/p-Xylenes	9.700	106	301904	101.86	ug/l	99
69) o-Xylene	10.108	106	144026	49.79	ug/l	97
70) Styrene	10.121	104	245701	50.44	ug/l	100
71) Bromoform	10.298	173	84750	48.47	ug/l #	98
73) Isopropylbenzene	10.491	105	399961	53.05	ug/l	99
74) N-amyl acetate	10.327	43	260884	53.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	163426	49.78	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	157200m	47.89	ug/l	
77) Bromobenzene	10.790	156	107495	51.18	ug/l	99
78) n-propylbenzene	10.912	91	477141	52.86	ug/l	99
79) 2-Chlorotoluene	10.992	91	282157	51.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	351161	52.76	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	51978	46.53	ug/l	95
82) 4-Chlorotoluene	11.102	91	334889	50.82	ug/l	99
83) tert-Butylbenzene	11.427	119	342829	52.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	354773	51.88	ug/l	98
85) sec-Butylbenzene	11.648	105	395192	51.54	ug/l	99
86) p-Isopropyltoluene	11.800	119	364976	51.70	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	188270	49.45	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	191827	48.30	ug/l	98
89) n-Butylbenzene	12.214	91	339526	51.35	ug/l	99
90) Hexachloroethane	12.481	117	63058	47.65	ug/l	99
91) 1,2-Dichlorobenzene	12.217	146	190797	49.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	49668	53.44	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	132951	51.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	63181	49.07	ug/l	99
95) Naphthalene	14.092	128	460338	56.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	133450	53.41	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

